

Having, thus, described the invention, what is claimed is:

- 1 1. An apparatus for holding and storing tools for use in a vehicle, comprising:
  - 2 a storage body shaped and dimensioned to fit with a spare wheel of a vehicle,
  - 3 said storage body having formed therein a jack storage space to securely receive a
  - 4 vehicle raising jack, a lug wrench-receiving space to securely receive a lug wrench, and a
  - 5 hollow storage well for holding and storing one or more various user-selected
  - 6 accessories; and
  - 7 said storage well having a volume approximately as large as said jack storage
  - 8 space.
- 1 2. The apparatus of claim 1, wherein the storage body is shaped to fit securely in a hub of
- 2 the spare wheel.
- 1 3. The apparatus of claim 1, wherein the storage well is substantially crescent-shaped in
- 2 cross section.
- 1 4. The apparatus of claim 1, wherein the storage body is an integral, unitary member, and
- 2 said jack storage space, said lug wrench receiving space and said storage well are formed
- 3 as recesses in said unitary member.
- 1 5. The apparatus of claim 1, wherein the storage body is formed from foamed plastic.

1     6. The apparatus of claim 1, wherein a lower portion of the storage body is shaped to fit  
2     securely in a hub of the spare wheel.

1     7. The apparatus of claim 1, wherein said storage well extends substantially the full  
2     depth of the storage body.

1     8. The apparatus of claim 1, wherein said lug wrench-receiving space is defined in an  
2     upper surface of said storage body, and said jack storage space and said storage well  
3     extend from the upper surface much deeper into said storage body than said lug wrench-  
4     receiving space .

1     9. The apparatus of claim 1, wherein said storage body has multiple additional storage  
2     spaces defined therein and shaped to securely receive other tools.

1     10. The apparatus of claim 1, wherein said lug wrench-receiving space is defined in an  
2     upper surface of said storage body, and said jack storage space and said storage well  
3     extend into said storage body on opposite sides of said lug wrench-receiving space .

1     11. A tool kit for a vehicle, comprising:  
2                 a storage body shaped and dimensioned to fit with a spare wheel of a vehicle,  
3                 said storage body having formed therein a jack storage space to securely receive a  
4                 vehicle raising jack, a lug wrench-receiving space to securely receive a lug wrench, and a  
5                 hollow storage well for holding and storing one or more various user-selected

6       accessories;

7            a vehicle raising jack which securely fits in the jack storage space;

8            a lug wrench which securely fits in said lug wrench-receiving space; and

9

10          said storage well having a volume approximately as large as said jack storage

11       space .

1       12. The tool kit of claim 11, wherein the storage body is shaped to fit securely in a hub of

2       the spare wheel.

1       13. The tool kit of claim 11 wherein the storage well is substantially crescent-shaped in

2       cross section.

1       14. The tool kit of claim 11 wherein the storage body is an integral unitary member.

1       15. The tool kit of claim 11 wherein the storage body is formed from foamed plastic.

1       16. The tool kit of claim 11 wherein said storage well extends substantially the full

2       depth of the storage body.

1       17. The tool kit of claim 11 wherein said lug wrench-receiving space is defined in an

2       upper surface of said storage body, and said jack storage space and said storage well

3       extend from the upper surface much deeper into said storage body than said lug wrench-

4 receiving space .

1 18. The tool kit of claim 11 wherein said storage body has multiple additional storage  
2 spaces defined therein and shaped to securely receive other tools.

1 19. The tool kit of claim 11, wherein a lower portion of the storage body is shaped to fit  
2 securely in a hub of the spare wheel.

1 20. The tool kit of claim 11, wherein said lug wrench-receiving space is defined in an  
2 upper surface of said storage body, and said jack storage space and said storage well  
3 extend into said storage body on opposite sides of said lug wrench-receiving space .